

# SIXTH CATALOGUE

OF THE

# Arkansas Industrial University,

LOCATED AT

FAYETTEVILLE, WASHINGTON COUNTY, ARKANSAS,

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FOR YEAR ENDING JUNE 14, 1878,

AND

ANNOUNCEMENT FOR 1878-9.

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ORGANIZED SEPTEMBER 18th, 1871.

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JUNE, 1878.

Little Rock:

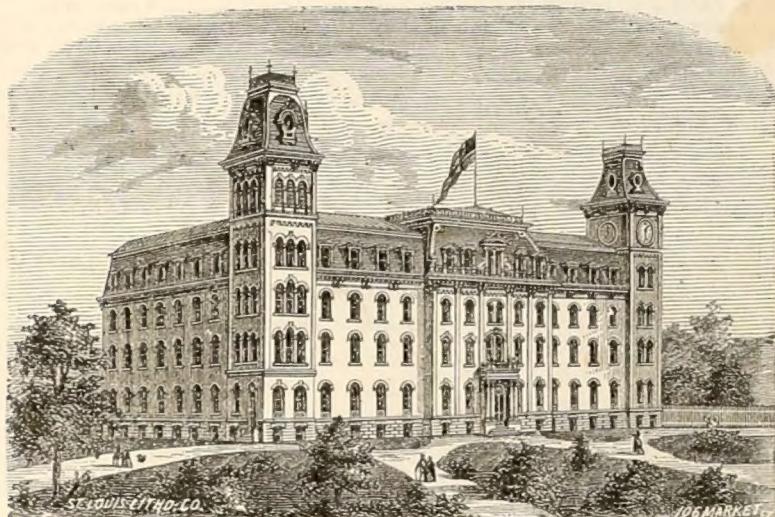
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1878.

UNIVERSITY OF ARKANSAS  
LIBRARY

LIBRARY,  
Arkansas Industrial  
UNIVERSITY.

ARKANSAS  
INDUSTRIAL UNIVERSITY.



DIMENSIONS AND CAPACITY.

It is 214 feet long, by 122 feet wide, covering an area of 26,108 square feet. It is five stories high, with French or Mansard roof, covered with slate and tin. The height of the building is 134 feet.

The basement story is built of stone; the foundation is bedded on solid rock. The next three stories are built of brick, and the attic of wood. The basement story is in height, 18 feet in the clear; first and second stories, 16 feet each; third and fourth, 15 feet; the clock and bell towers extending two stories above the attic.

There are ten rooms 77 by 61 feet, ten rooms 22 by 29 feet, ten rooms 22 by 28 feet, ten rooms 22 by 25 feet, ten rooms 22 by 22 feet, ten rooms 22 by 19 feet, five rooms 15 by 28 feet, four rooms 22 by 20 feet, and one room 77 by 50 feet—making a total of seventy rooms. In addition, there are four corridors 15 by 28 feet, and four corridors 14 by 206 feet.

## Board of Trustees.

HIS EXCELLENCY W. R. MILLER, Governor, Little Rock.  
EX-OFFICIO PRESIDENT OF THE BOARD.

HONORABLE HIRAM DAVIS, Fayetteville,  
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HIS EXCELLENCY W. R. MILLER, Governor, Chairman.  
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GEN. G. D. ROYSTON.

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HON. JAMES M. JOHNSON, Chairman.  
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DUDLEY E. JONES, ESQ.

## Board of Visitors.

In Attendance at Commencement, June, 1878.

PROF. R. H. PARHAM.....	Little Rock, Ark.
REV. R. W. TRIMBLE, D. D. and L. L. D.....	Pine Bluff, Ark.
E. R. DU VAL, M. D.....	Fort Smith, Ark.
T. P. McGOVERN, ESQ.....	Corning, Ark.

## Officers and Instructors.

GEN. D. H. HILL,

*President and Professor of Mental and Moral Science, Political Economy and Civil Polity.*

---

N. P. GATET, A. M.,

*Principal of Normal Department.*

---

C. H. LEVERETS, A. M.,

*Professor of Ancient and Modern Languages, English Literature, and History.*

---

O. C. GRAY, A. M.,

*Professor of Mathematics and Civil Engineering.*

---

F. L. HARVEY, B. S.,

*Professor of Natural Science and Chemistry.*

---

J. B. GORDON, C. E. and B. Sc.

*Adjunct Professor of Civil and Mechanical Engineering, and Mathematics.*

---

MISS S. M. LIE E. HARRIS, A. B.,

*Adjunct Professor of English Literature and History.*

---

*Professor of Military Science and Tactics.*

---

W. D. C. BÖTEFÜHR,

*Professor of Music.*

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MISS LAURA BÖTEFÜHR,

*Assistant.*

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O. F. RUSSELL,

*Principal of Preparatory Department.*

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MRS F. L. SUTTON,

*Assistant in Preparatory Department.*

## CATALOGUE OF STUDENTS

For the Session Commencing on the 3d of September,  
1877, and Closing on the 14th of June, 1878.

*Beneficiaries are marked with a cross (†); Normal Students with an asterick (\*).*

## CLASSICAL DEPARTMENT.

## SENIOR CLASS.

Blakely, Miss Nora.....	Fayetteville, Washington County.
Gregg, Andrew S.....	Fayetteville, Washington County.
†Pettigrew, Thos. A.....	Charleston, Franklin County.
Reed, Miss Maggie.....	Fayetteville, Washington County.
*Sutton, Wm. S.....	Fayetteville, Washington County.

Total, 5.

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## JUNIOR CLASS.

†Butler, H. M.....	Varner Station, Lincoln County.
†Davis, L. P.....	Avoca, Benton County.
†Droke, G. W.....	Bentonville, Benton County.
†Floyd, J. C.....	Bentonville, Benton County.
†Harrison, Wm. M.....	Pine Bluff, Jefferson County.
†Harrod, J. H.....	Lonoke, Lonoke County.
✓ *Keeney C. S.....	Hindsdale, Madison County.
†Marrs, S. E.....	Viney Grove, Washington County.
†Marshall, J. C.....	Avoca, Benton County.
✓ *Patton, Miss L. A.....	Viney Grove, Washington County.
†Patton, Miss M. J.....	Viney Grove, Washington County.
†Teague, C. V.....	Toledo, Dorsey County.
†Wood, C. D.....	Hamburg, Ashley County.

Total, 12.

## SOPHOMORE CLASS.

✓ *Booth, W. P.....	Lee County, Ark.
✓ *Carnall, Miss Ella.....	Fort Smith, Sebastian County.
†Clark, Wm. S.....	Little Rock, Pulaski County.
Gates, Howard.....	Fayetteville, Washington County.
*Gilbreath, Cyrus.....	Fayetteville, Washington County.
†Holmes, Isaac.....	Princeton, Dallas County.
†Kelleam, J. M.....	Charleston, Franklin County.

Keeney, Miss Dolly.....	Hindsville, Madison County.
*King, Miss Artelee.....	Fort Smith, Sebastian County.
†Kitchen, T. B.....	Jonesborough, Craighead County,
†Langford, W. H.....	Eldorado, Union County.
†McClure, Miss Emma.....	Fort Smith, Sebastian County.
†Miles, O. A.....	Eldorado, Union County.
†Putman, Miss Mary.....	Fayetteville, Washington County.
Rhoades, Miss Lena.....	Fayetteville, Washington County.
†Rieff, Geo.....	Fayetteville, Washington County.
Ross, Z. C.....	Fort Smith, Sebastian County.
†Russell, L.....	Russellville, Pope County.
*Scull, W. W.....	Pine Bluff, Jefferson County.
*Tillman, J. N.....	Fayetteville, Washington County.
*Williams, Miss Naomi.....	Fayetteville, Washington County.

Total, 21.

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## FRESHMAN CLASS.

°Bates, C. O.....	Cincinnati, Washington County.
†Bell, J. H.....	Fayetteville, Washington County.
†Bland, O. P.....	Augusta, Woodruff County.
Boles, Miss Carrie.....	Fayetteville, Washington County.
Boles, Miss Minnie.....	Fayetteville, Washington County.
Botefuhr, E. H.....	Fayetteville, Washington County.
°Carden, Powell.....	Lonoke, Lonoke County.
†Conner, E. H.....	Augusta, Woodruff County.
†Couch, J. H.....	Hampton, Calhoun County.
Cravens, Miss Nannie.....	Fayetteville, Washington County.
†Deane, S. C.....	Wolf Creek, Pike County.
Ellis, F. W.....	Fayetteville, Washington County.
°Felker, Miss Genevra.....	Ozark, Franklin County.
†Gibson, W. H.....	DeWitt, Arkansas County.
Gregg, L. W.....	Fayetteville, Washington County.
†Harrison, M. P.....	Como P. O., Dorsey County.
†Haskell, L. C.....	Pastoria, Jefferson County.
†Hicks, J. T.....	Searcy, White County.
°Holleman, Miss Jessica.....	Van Buren, Crawford County.
†Hon, D.....	Waldron, Scott County.
†Hughes, W. P.....	Huntsville, Madison County.
†Jefferson, Miss Agatha.....	Bentonville, Benton County.
†Jones, Gustave.....	Jacksonport, Jackson County.
Keeney, Miss Rowena.....	Hindsville, Madison County.
†Lanier, J. A. M.....	Mountain Home, Baxter County.
Legg, Miss Jennie.....	Washburn, Mo.
†Lytle, G. E.....	Pine Bluff, Jefferson County.
°McGinty, J. B.....	Hamburg, Ashley County.
†McHenry, M. A.....	Oakland, Union County.
Marshall, G. W.....	Avoca, Benton County.
†Massie, W. E.....	Fayetteville, Washington County.
†Meek, S. B.....	Johnsville, Bradley County.
†Menard, J. L.....	Chester, Desha County.
†Miller, J. N.....	Arkadelphia, Clark County.
Moore, J. I.....	Lagrange, Phillips County.
†Moore, W. F.....	Quitman, Van Buren County.

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♦Parke, F. E.	Tomlinson, Scott County.
†Pettit, Miss Emma.	Fort Smith, Sebastian County.
Reed, Miss Lina.	Fayetteville, Washington County.
†Ross, T. D.	Fort Smith, Sebastian County.
Swalm, H. E.	Lonoke, Lonoke County.
†Tatum, F. M.	Eldorado, Union County.
♦Veazey, Miss Lulea.	Dardanelle, Yell County.
♦Watson, J. J.	Fayetteville, Washington County.
†Witt, Gibson.	Conway, Faulkner County.

Total, 46.

## IRREGULAR STUDENTS.

♦Baugh, W. F.	Fair View, Dallas County.
†Eaton, Miss Mary M.	Lee's Creek, Crawford County.
Hampton, Miss Lizzie.	Washburn, Mo.
Jennings, Miss Lula.	Fayetteville, Washington County.
†Roleson, E. J.	Wittsburg, Cross County.
Rutherford, J. F.	Billingsly, Washington County.
†Thompson, J. F.	Cabin Creek, Johnson County.

Total, 7.

## NORMAL PAST GRADUATES.

Blakeley, Miss Nora.	Fayetteville, Washington County.
Carden, E. B.	Bloomer, Sebastian County.
Massie, Collin.	Fayetteville, Washington County.
Patton, Miss L. A.	Viney Grove, Washington County.
Putman, Miss Annie.	Fayetteville, Washington County.

Total, 5.

Total in College Departments..... 96

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## PREPARATORY DEPARTMENT.

Anderson, G. W.	Eupemla, Creek Nation.
†Atkins, Wm.	Washington, Hempstead County.
†Atkinson, J. G.	Star City, Lincoln County.
♦Bates, C. O.	Cincinnati, Washington County.
Bates, Miss Lena.	Fayetteville, Washington County.
†Bernhold, Raphael.	Helena, Phillips County.
Berry, Wm.	Ozark, Franklin County.
†Black, H. M.	Mount Comfort, Washington County.
†Boggs, E. B.	Dardanelle, Yell County.
†Bono, John.	—, Jefferson County.
†Boone, Earle.	Spring Dale, Washington County.
Botefuhr, Frank.	Fayetteville, Washington County.
†Botefuhr, Miss Lillie.	Fayetteville, Washington County.
†Bozarth, G. W.	Fayetteville, Washington County.
♦Bradley, J.	Russellville, Pope County.
♦Brundage, Miss Carrie E.	Avoca, Benton County.
†Bullock, Chas.	Arkadelphia, Clark County.
†Burks, C. G.	Monticello, Drew County.

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Burrow, B. M.	Alma, Crawford County.
Burrow, Miss Lizzie.	Alma, Crawford County.
Buster, Wm.	Savoy, Texas.
†Butler, J. W.	Star City, Lincoln County.
*Butts, R. J.	Clarksville, Johnson County.
*Cammack, A. W.	Hamburg, Ashley County.
†Campbell, Wm.	Augusta, Woodruff County.
Carnall, T. B.	Fort Smith, Sebastian County.
†Carden, C. H.	—, Sebastian County.
†Carpenter, J. R.	Helena, Phillips County.
Chaney, H. D.	Providence, Louisiana.
†Chastain, H. F.	Elm Springs, Washington County.
*Chitwood, J. H.	Ellsworth, Logan County.
†Churchill, C.	Little Rock, Pulaski County.
Collins, G. E.	Ozark, Franklin County.
Conner, T. J.	Fayetteville, Washington County.
†Conwell, T.	Imrod, Perry County.
†Cox, Miss Alice.	Fayetteville, Washington County.
Conner, T. J.	Fayetteville, Washington County.
Cunningham, M. C.	Evening Shade, Sharp County.
†Dismukes, T. C.	Dardanelle, Yell County.
*Driver, J. H.	Conway Station, Faulkner County.
†Dunaway, E. B.	Fayetteville, Washington County.
†Dunaway, J. H.	Fayetteville, Washington County.
*England, W. W.	Evansville, Washington County.
†Ferguson, J. W.	Mount Adams, Arkansas County.
Files, W.	Hamburg, Ashley County.
*Finley, S. C.	Helena, Phillips County.
†Fitzsimmons, John.	Forrest City, St. Francis County.
†Frost, J. R.	Hampton, Calhoun County.
†Garretson, J. M.	West Point, Monroe County.
*Goldsworthy, Miss Arabella A.	Roseville, Logan County.
Gordon, C. B.	Helena, Phillips County.
Gray, Carl.	Fayetteville, Washington County.
†Green, S. D.	Searcy, White County.
*Hall, Ewing M.	Center, Sharp County.
†Hall, Edward J.	Evening Shade, Sharp County.
†Hawk, Eli.	Bowens Ridge, Jackson County.
†Halley, R. H.	Crowley, Scott County.
Hanley, A. J.	Fayetteville, Washington County.
*Harkey, Miss Alice.	Russelville, Pope County.
*Harley, J. B.	Princeton, Dallas County.
Harrison, J. C.	Pine Bluff, Jefferson County.
Harrison, M. P.	Como P. O., Dorsey County.
Harris, Miss Lula.	Pierce City, Missouri.
Harris, B. A.	Pierce City, Missouri.
†Herndon, S. P.	Oakley, Arkansas County.
Hill, J. M.	Charlotte, North Carolina.
†Hill, Miss Minnie.	Ozark, Franklin County.
†Hinds, Miss Maggie.	Hindsdale, Madison County.
*Hively, O. A.	Pineville, Izard County.
†Hively, G. T.	Pineville, Izard County.
†Hively, J. S.	Pineville, Izard County.
†Hively, M. J.	Pineville, Izard County.

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†Holleman, Miss Ida E.	Van Buren, Crawford County.
†Hopkins, F. M.	Elva, Ashley County.
†Howard, W. F.	Hillsborough, Union County.
†Hudson, Wm.	Linwood, Jefferson County.
†Jackson, R. H.	Poplar Grove, Phillips County.
Jennings, Miss Lilly.	Fayetteville, Washington County.
*Jones, Miss Fannie.	Caddo Gap, Montgomery County.
†Jones, Miss Mary.	Caddo Gap, Montgomery County.
†Kelly, L. W.	Malvern, Hot Spring County.
Kelly, Miss Mollie.	Goshen, Washington County.
†Key, W. F.	Searcy, White County.
†Knight, J. M.	Warren, Bradley County.
†King, Chas. M.	Fort Smith, Sebastian County.
Knight, Miss Carrie.	Carlisle, Lonoke County.
†Knight, Frank.	Carlisle, Lonoke County.
Kirkpatrick, J. R.	Hamburg, Ashley County.
†Lanier, J. A. M.	Mountain Home, Baxter County.
Lowe, J. G.	Waldron, Scott County.
†Lynch, A. S.	Forrest City, St. Francis County.
Mayes, Frank.	Fayetteville, Washington County.
*McDaniel, T. W.	Hamburg, Ashley County.
†McKinney, Lawrence.	Hico, Benton County.
†McKenzie, Miss Ina.	Russellville, Pope County.
*McWhirter, L. D.	Bentonville, Benton County.
†Manuel, Miss Willie.	Fayetteville, Washington County.
†Menard, C. W.	Chester, Desha County.
†Miller, J. H.	Clarendon, Monroe County.
*Mitchell, H. N.	Bloomfield, Benton County.
†Moores, W. B.	Bluff City, Nevada County.
†Morrow, J. E.	Boonesborough, Washington County.
†Morrow, Miss Hucle A.	Boonesborough, Washington County.
†Mulholland, Miss Mattie.	Pine Bluff, Jefferson County.
†Murdock, Miss Anna M.	Harrisburg, Poinsett County.
†Murphy, J. T.	Bowen's Ridge, Jackson County.
*Myers, Miss Mattie.	Myers' Landing, Crawford County.
*Nelson, J. P.	Hico, Benton County.
Nevill, C. E.	Rob Roy, Jefferson County.
Nevill, Miss Jennie.	Rob Roy, Jefferson County.
†Oliger, J. D.	Helena, Phillips County.
*Parke, F. E.	Tomlinson, Scott County.
Parker, W. L.	Mount Holly, Union County.
†Pearce, B. S.	Magnolia, Columbia County.
*Pearce, S. H.	Magnolia, Columbia County.
Pettigrew, J. C.	Fayetteville, Washington County.
Peyton, P. A.	Arkadelphia, Clark County.
*Phillips, Miss M. P.	Huntsville, Madison County.
†Pierce, Miss N. May.	Osage Mills, Benton County.
†Pruitt, Miss Florence.	Russellville, Pope County.
†Pugh, Thos.	Hamburg, Ashley County.
*Rainwater, Miss Paralee.	Fayetteville, Washington County.
Reed, G. W. M., Jr.	Fayetteville, Washington County.
†Reynolds, Miss Jonanna.	Fayetteville, Washington County.
†Rieff, Miss Emma.	Fayetteville, Washington County.
†Roleson, Erwin.	Wittsburg, Cross County.

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Roleson, Fletcher.....	Wittsburg, Cross County.
†Sanders, N. L.....	Huntsville, Madison County.
*Sangster, Robt. L.....	Star City, Lincoln County.
Scott, Berma A.....	Fort Smith, Sebastian County.
†Sewell, J. M.....	Roseville, Logan County.
†Sewell, Miss Pink.....	Roseville, Logan County.
†Sharman, E. C.....	Magnolia, Columbia County.
†Sheffy, J. K.....	Mt. Vernon, Faulkner County.
†Shell, C. G.....	Augusta, Woodruff County.
†Shrewder, T. F.....	Danville, Yell County.
†Shugart, Levi O.....	Princeton, Dallas County.
†Silcott, L. R.....	Goodwin, St. Francis County.
Simonds, Miss Hattie Hosmer.....	Little Rock, Pulaski County.
†Skelton, W. R.....	Fayetteville, Washington County.
†Sliger, Louis P.....	Helena, Phillips County.
*Smith, Miss Mattie.....	Van Buren, Crawford County.
†Smith, W. A.....	Hamburg, Ashley County.
†Snyder, W. E.....	Pine Bluff, Jefferson County.
Sparkman, J. M.....	Keatsville, Barry County, Mo.
†Stacy, Phillip.....	Bowen's Ridge, Jackson County.
*Stroud, C. W.....	Bentonville, Benton County.
†Tallaferro, J. W.....	Bentonville, Benton County.
*Tillman, Miss Emma.....	Fayetteville, Washington County.
†Utley, W. W.....	Mount Vernon, Faulkner County.
Vannoy, Miss Laura.....	Jasper County, Mo.
†Vaughan, W. R.....	Little Rock, Pulaski County.
†Walker, J. C.....	Oxford Bend, Washington County.
Watson, J. W.....	Hamburg, Ashley County.
†Williams, Chas. D.....	Trenton, Phillips County.
*Williams, Miss Leilla.....	McGuire's Store, Washington County.
†Williamson, C. M.....	Russellville, Pope County.
Womble, B. B.....	Elon, Ashley County.
*Wood, Miss Maggie.....	Van Buren, Crawford County.
Woolen, Frank.....	Summit Home, Washington County.
†Worley, O. C.....	Arkadelphia, Clark County.
Total, 160.	5-

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## SUMMARY.

Number of Students in College Department.....	96
Number of Students in Preparatory Department.....	160
Total.....	256

65

791

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# COURSE OF STUDY.

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## CLASSICAL COURSE.

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### FRESHMAN YEAR.

#### FIRST TERM.

Algebra.	Geometry.
Latin.	Greek (optional).
Physical Geography.	English Diction and Eloquence.

#### SECOND TERM.

Algebra.	Geometry.
Latin.	Greek (optional).
History.	French or German (both optional).

#### THIRD TERM.

Plane Trigonometry.	Latin.
Greek (optional).	History.
	French or German (both optional).

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### SOPHOMORE YEAR.

#### FIRST TERM.

Plane and Spherical Trigonometry.	Latin.
Greek (optional).	Chemical Physics.
Botany.	French or German (both optional).

#### SECOND TERM.

Descriptive Geometry.	Latin.
Greek (optional).	Chemistry (inorganic and laboratory work).
Zoology.	
French or German (both optional).	

#### THIRD TERM.

Analytical Geometry.	Latin.
Greek (optional).	Chemistry (inorganic).
Rhetoric.	French or German (both optional).

## JUNIOR YEAR.

## FIRST TERM.

Solid Geometry and Differential Calculus.	Latin.
Greek (optional).	Chemistry (organic).
Rhetoric.	Mineralogy.

## SECOND TERM.

Differential Calculus.	Latin.
Greek (optional).	English Literature.
	Geology.

## THIRD TERM.

Integral Calculus.	Latin.
Greek (optional).	English Literature.
	Logic.

## SENIOR YEAR.

## FIRST TERM.

Latin.	Greek (optional).
Natural Philosophy.	Mental Philosophy.
	Political Economy.

## SECOND TERM.

Natural Philosophy.	Moral Philosophy.
History of Civilization.	Civil Polity.
Evidences of Christianity.	Constitution of the United States.

## THIRD TERM.

Natural Philosophy.	Philology.
International Law.	History of Inductive Sciences.

For admission to the Freshman Class, candidates must pass a satisfactory examination in reading, spelling, penmanship, algebra to equations of the second degree, English Grammar, Geography, United States History, Arithmetic, Harkness' Introductory Latin book, and Harkness' Latin Reader or their equivalents. If unable to pass such examination, they may be placed in the Preparatory Department.

For admission to higher classes, students must have done the work prescribed for the preceding classes.

All candidates must be of good moral character, and not under the age of fifteen years.

## AGRICULTURAL COURSE.

## FIRST YEAR.

## FIRST TERM.

Physical Geography.

Lectures on Soils.

Geometry.

Algebra.

English Diction.

Drawing.

Bookkeeping.

## SECOND TERM.

Lectures on Soils.

Geometry.

Algebra.

General History.

Drawing.

French or German.

## THIRD TERM.

Botany.

Orcharding and Propagation of Seedlings.

Trigonometry—Plane and Spherical.

General History.

German or French.

## SECOND YEAR.

## FIRST TERM.

Lectures on Management of Soils.

Cryptogamic and Economic Botany.

Chem. Physics.

Trigonometry(navigation and surveying).

French or German.

## SECOND TERM.

Inorganic Chemistry and Laboratory Practice.

Zoology.  
Descriptive Geometry.

German or French.

## THIRD TERM.

Relation of Plants to Soil and Air.

Inorganic Chemistry and Laboratory

Analytical Geometry.

Practice continued.

Rhetoric.

German or French.

## THIRD YEAR.

## FIRST TERM.

Breeding, History, Races and Management of Stock.

Chemistry organic.  
Zoology (special).

Rhetoric.

German or French.

## SECOND TERM.

Geology.

Entomology.

Chemical Consideration of Soils and Fertilizers.

Farm Machinery.  
Road Making.

## THIRD TERM.

Comparative Anatomy of Domestic Animals.	Rural Architecture.
	Qualitative Analysis.
	Logic.

## FOURTH YEAR.

## FIRST TERM.

Rural Law and Economy.	Current Agricultural Topics.
Ind. Chemistry.	Physics and Astronomy.
Mental Philosophy.	Political Economy.

## SECOND TERM.

Ind. Chemistry.	Current Agricultural Topics.
Physics and Astronomy.	Moral Philosophy.
History of Civilization.	Constitution of the United States.

## THIRD TERM.

Veterinary Surgery.	Horticulture.
Landscape Gardening.	Ind. Chemistry.
Physics and Astronomy.	Thesis on some Agricultural Subject.

Candidates for admission to the Freshman Class of the Agricultural Course, must pass a satisfactory examination as indicated for the Classical, with the exception of Latin.

## COURSE IN ENGINEERING.

## FIRST YEAR.

## FIRST TERM.

Algebra.	Geometry.	Physical Geography.	English Diction and Elocution.
Algebra.	Geometry.	French.	German.

## SECOND TERM.

Algebra.	Geometry.	French.	German.	History.
Plane Trigonometry.		French.	German.	History.

## SECOND YEAR.

## FIRST TERM.

Plane and Spherical Trigonometry.		
Geodesy.	German.	Drawing.
French.	Chemical Physics.	Field Work.

## SECOND TERM.

Descriptive Geometry. General Theory of Parallel Projections. French. German.  
 Chemistry, Inorganic and Laboratory Work. Drawing. Field Work.

## THIRD TERM.

Analytical Geometry. Roads, Railways, Tunnels and Canals.  
 French. German. Chemistry, Inorganic and Laboratory Work.  
 Topographical Drawing. Field Work.

## THIRD YEAR.

## FIRST TERM.

Solid Geometry. Perspective. Mineralogy. Chemistry (Organic).  
 Industrial Drawing. Field Work.

## SECOND TERM.

Differential Calculus. Higher Geodesy. Geology. Industrial Drawing.  
 Field Work.

## THIRD TERM.

Integral Calculus. Strength of Materials and Stability of Constructions.  
 Qualitative Analysis. Industrial Drawing. Field Work.

## FOURTH YEAR

## FIRST TERM.

Natural Philosophy. Architecture. Arches, Bridges, Roofs, etc.  
 Industrial Chemistry. Industrial Drawing. Field Work.

## SECOND TERM.

Natural Philosophy. Machines and Machinery. Industrial Chemistry.  
 Industrial Drawing. Field Work.

## THIRD TERM.

Natural Philosophy. Hydraulic Engineering. Engines.  
 Industrial Chemistry. Industrial Drawing.  
 Field Work.

Candidates for admission to the Freshman Class of the Engineering Course, must pass the same examination as required for Classical Department, with the exception of Latin.

## NORMAL COURSE.

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The Normal Course is identical with the Classical, with the single exception that Normal students have a course of lectures on the methods of teaching, and are required to apply their knowledge to the management of some of the more elementary classes in the institution.

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## PREPARATORY DEPARTMENT.

PROF. RUSSELL.

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In view of the fact that the educational facilities of the State are, with the exception of a few favored localities, such that young persons desirous of a collegiate education are unable properly and sufficiently to prepare themselves to enter the University, there has been established in connection with the same a Preparatory Department, which is intended to be auxiliary to its higher departments.

The Preparatory Department is under the special control of its principal, and the general supervision of the faculty.

There are entitled to free tuition in this department, 474 students, bearing appointments from their respective county judges, as beneficiaries and normals.

Hereafter members of this department will not be permitted to enter the regular College Societies, but if deemed advisable by the principal, one or more societies for the Preparatory Department will be organized.

It is desirable that applications for admission be presented by **none** unable to enter upon the following—

# COURSE OF STUDY.

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## PREPARATORY DEPARTMENT.

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### FIRST YEAR.

#### FIRST TERM.

Reading—Osgood's American Fourth Reader.

Geography—Monteith's Independent Course, First Book.

English Grammar—Graded Lessons in English, Reed & Kellogg.

Arithmetic—White's Intermediate.

Penmanship—Spencerian.

#### SECOND TERM.

Osgood's American Fourth Reader.

Geography—Monteith's Independent Course, First Book.

English Grammar—Graded Lessons in English, Reed & Kellogg.

Arithmetic—White's Intermediate.

Penmanship—Spencerian.

#### THIRD TERM.

Reading—Osgood's American Fourth Reader.

Geography—Monteith's Independent Course, First Book.

English Grammar—Reed & Kellogg.

Arithmetic—White's Intermediate.

Penmanship—Spencerian.

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### SECOND YEAR.

#### FIRST TERM.

Reading—Osgood's American Fifth Reader.

Geography—Monteith's Comprehensive.

English Grammar—Reed & Kellogg.

Arithmetic—White's Complete.

Penmanship—Spencerian.

#### SECOND TERM.

Reading—Osgood's American Fifth Reader.

Geography—Monteith's Comprehensive.

English Grammar—Reed & Kellogg.

Arithmetic—White's Complete.

Penmanship—Spencerian.

## THIRD TERM.

Reading—Osgood's American Fifth Reader.  
Geography—Monteith's Comprehensive.  
English Grammar—Reed & Kellogg.  
Arithmetic—White's Complete.  
Penmanship—Spencerian.

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## THIRD YEAR, or SUB. FRESH.

## FIRST TERM.

Reading—Osgood's American Sixth Reader.  
Arithmetic—White's Complete, finished.  
United States History—Ridpath's, or  
Greek—Harkness.  
English Grammar—Reed & Kellogg.  
Latin—Harkness.

## SECOND TERM.

Reading—Osgood's American Sixth Reader.  
United States History—Ridpath, or  
Greek—Harkness.  
English Grammar—Reed & Kellogg.  
Algebra—Peck's Manual.  
Latin—Harkness.

## THIRD TERM.

Reading—Osgood's American Sixth Reader.  
English Grammar—Reed & Kellogg.  
Algebra—Peck's Manual.  
Physiology—Brown's, or  
Greek—Harkness.  
Latin—Harkness.

## DEPARTMENT OF INSTRUCTION.

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### MENTAL AND MORAL SCIENCE.

GEN. D. H. HILL.

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These studies, so admirably adapted to train the mind and cultivate the heart, belong to the President's Department. The former explains the phenomena of the mind, and the best method of employing its faculties in reasoning aright. The latter, by subordinating all the mental powers to divine truth and an enlightened conscience, guards against the seductions of error and the allurements of passion.

#### TEXT BOOKS.

Porter's Intellectual Science.	Alexander's Evidences of Christianity.
Wayland's Moral Philosophy.	Bowen's Logic.
Townsend's Civil Government.	Perry's Political Economy.
In English Literature—Marsh, Trench and Shepherd.	

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### NORMAL DEPARTMENT.

PROF. GATES.

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The design of this department is to train teachers for the common schools of the State.

Applicants must pass a satisfactory examination in the common English branches, in order to enter this department.

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The studies of this course are the same as the classical. In addition to a thorough knowledge of the branches to be taught, the work comprehends:

1. Training in methods of imparting instruction in the branches to be taught.
2. Methods of leading pupils to think and investigate for themselves.
3. How to grade and organize the various kinds of schools.
4. Government or discipline of schools.
5. Duties of teachers as governed by School Law.

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## DEPARTMENT OF LANGUAGES.

PROF. LEVERETT.

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Instruction in this department is distributed to two schools.

### I. SCHOOL OF ANCIENT LANGUAGES.

There are five classes in Latin and the same number in Greek, viz: Sub Freshman, Freshman, Sophomore, Junior and Senior. The mode of instruction is by translations from the Text Books into English, and from English into Latin and Greek. The principles and idioms of the Languages are carefully studied with a view to a better acquaintance with the principles of the English speech.

Due prominence is given to Latin and Greek composition, and also to the Literature and History of Greece and Rome.

Candidates for admission to the Freshman class must come well drilled in Harkness' Grammar and Reader, Latin and Greek.

*Books of Reference:*—Liddell's Rome, Brown's Roman Literature, Smith's History of Greece.

## II. SCHOOL OF MODERN LANGUAGES.

In this school French and German are taught for two years, commencing with the Freshman and continuing through the Sophomore year.

The student is taught first the elementary principles of Grammar and then proceeds at once to translating from these languages into English, and writing as well as translating orally English sentences into French and German.

## TEXT BOOKS.

## FRENCH—FRESHMAN CLASS.

Otto's Grammar.

Telemaque.

## SOPHOMORE CLASS.

Charles XII.

Moliere.

Corinne.

Selections from Standard Authors.

A course of private reading is required.

## GERMAN—FRESHMAN CLASS.

Otto's Grammar.

Otto's Reader (Evans).

Schiller's William Tell.

Whitney's Dictionary.

## SOPHOMORE CLASS.

Whitney's Grammar.

Whitney's Dictionary.

Schiller.

Goethe.

A course of private reading is required.

## PURE MATHEMATICS.

PROF. GRAY.

The course of study, for the various degrees, is completed in the third term of the Junior year, and embraces Algebra, Geometry, Trigonometry, Analytical Geometry, Descriptive Geometry, Solid Geometry and Calculus.

## ALGEBRA

(taught by use of text and reference books and frequent lectures) is confined to the first and second terms of the Freshman year, and embraces the elementary principles; equations, simple and quadratic; ratio, proportion, progression, inequation and differentiation; indeterminate coefficients; trinomial theorem in

development of functions; logarithms; indeterminate analysis; Sturm's theorem and Horner's method of solving higher equations.

### GEOMETRY

(taught by the same methods as mentioned for Algebra) is also confined to the first and second terms of the Freshman year, and embraces the treatment of straight lines, angles and polygons; proportion, with its application to geometrical investigation; the circle and the theorems dependent upon its properties; proportions and measurement of polygons and circles; intersections and relative positions of planes; solid and spherical geometry, and under the subjects a variety of original and practical problems for class work.

### TRIGONOMETRY

(taught by use of approved text books and familiar lectures) is confined to the third term of the Freshman and first term of the Sophomore years; and embraces general propositions in Plane Trigonometry; equations for sines, cosines, etc.; the use of logarithms; oblique and right angled triangles and their projection; Napier's Circular Parts and Analogies; and in order to fix the principles of Plane and Spherical Trigonometry in the mind, applications are made to surveying and navigation.

### TO SURVEYING,

in the theory, adjustment and use of instruments; rectangular surveying, as practiced on government surveys; area of land; finding section corners; retracing old lines; topographical and railroad surveying; field practice, with compass, chain, level and rod.

### TO NAVIGATION,

by problems in plane sailing; difference of latitude and longitude; Mercator's sailing; computing meridional parts; sailing in currents; finding place by solar and lunar observations; practical use of quadrant.

### DESCRIPTIVE GEOMETRY

is taught in the second term of Sophomore year by lectures, illustrated by figures taken from Church.

### ANALYTICAL GEOMETRY

is taught by lectures and use of text books, and is confined to the third term of the Sophomore and first term of the Junior years, and embraces the Cartesian method of co-ordinates; construction of equations; transformation of co-ordinates, and properties of the Conic sections.

### CALCULUS

is taught by the use of text books and familiar lectures, and is confined to the second and third terms of the Junior year. This study embraces Differential Calculus applied to the differentiation of algebraic functions, exponential, logarithmic, trigonometrical and circular functions; successive differentiation; differential co-efficients; implicit and compound functions; the development of functions; Maclaurin's formula; Taylor's formula; evolutions of indeterminate expressions; maxima and minima of functions of one variable.

### INTEGRAL CALCULUS.

Elementary rules; subordinate circular forms; separation by indeterminate co-efficients; rationalization; formula for integration by parts; integration by infinite series; successive integration; method of disposing of the constant of integration.

### TEXT BOOKS.

Algebra—Robinson's University.

Plane Trigonometry—Robinson.

Analytical Geometry—Loomis.

Geometry—Robinson.

Surveying and Navigation—Robinson.

Calculus—Loomis.

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## MILITARY.

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Instruction in this department is designed to impart to each male student, not physically incapacitated to bear arms, practical instruction in the school of the soldier, of the company, and the battalion; the duties of guards, outposts and pickets.

The drills occur not over three times a week, and, being short, they involve no hardship, while it is manifest that they afford a good health-giving exercise and aid in the development of the physique and manly carriage of the cadet. The entire body of male students is divided into companies which are officered by cadets selected for proficiency in drill, good deportment and scholarship. Cadet officers are regarded as assistants in the enforcement of discipline, and their orders, while on duty, are considered as duly authorized and obeyed accordingly.

Cadet officers are expected and required to set examples of military deportment and general good conduct.

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## NATURAL PHILOSOPHY.

PROF. J. B. GORDON.

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This subject embraces Physics, Mechanics and Astronomy, and is postponed to the Senior year in order that the student may have the light of the higher mathematics in investigating some of the problems presented.

The class has three recitations per week in Physics and Mechanics, and two in Astronomy, throughout the session of nine months. Mechanics will be treated of in the early part of the course along with Molar Physics. After the doctrines of motion, force and energy and their applications have been discussed, the

student has his attention invited to molecular Physics, or the consideration of Sound, Heat, Light, Electricity and Magnetism.

#### TEXT BOOKS.

Everett's *Practical Deschanel*.      Peck's *Mechanics*.      Norton's *Astronomy*.  
Scarle's *Outline of Astronomy*.

Additions will be given in the form of notes on points where it is deemed advisable.

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### COURSE IN CHEMISTRY.

PROF. HARVEY.

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Begins with *Chemical Physics*; occupies the first term of the Sophomore year; embraces physical principles requisite to a proper understanding of Chemistry.

#### INORGANIC CHEMISTRY

occupies the last two terms of the Sophomore year; embraces ten hours a week laboratory practice, and a consideration of the important elements and their compounds; as to occurrence in nature; physical and chemical characters; manufacture; uses. Students perform individually about three hundred experiments, illustrating the important chemical principles.

#### ORGANIC CHEMISTRY

is taught one term in the Junior year by lectures, and made practical by selecting for illustrations of the principles, compounds of practical importance. It embraces a consideration of fibre plants, starches, sugars, gums, jellies, oils, fats, glycerine, soaps, candles, leather, inks, vegetable acids, dyes, albumenoids, alkaloids, etc. The general principles of *Analytical*, *Agricultural* and *Physiological Chemistry* are referred to sufficiently to give an understanding of their objects and importance.

## CHEMICAL REFERENCE AND TEXT BOOKS.

Miller's Chemical Physics.	Organic and Inorganic Chemistry.
Elliot and Storer's Manual.	Watt's Chemical Dictionary.
Fresenius' Qualitative and Quantitative Analysis.	
Ure's Dictionary of the Arts and Manufactures.	Wagner's Chemical Technology.
Cook's Chemical Physics.	Appleton's Dictionary of Mechanics.
Crooke's and Rohrig's Metallurgy.	
Liebig's, Caldwell's, Johnston's and Johnson's Works.	

## COURSE IN BIOLOGY

begins in the Preparatory Department with *Physiology*, which occupies the spring term.

The subject is presented by lectures, and embraces a comparative study of the functions of nutrition, correlation and structure, as presented in the lower animals and man; together with a consideration of *Hygiene*. The course is elementary and lays the foundation for technical work in the course of

## COMPARATIVE ZOOLOGY.

This subject occupies the second term of the Sophomore year: embraces morphology, physiology, classification, distribution in time and space, habits and uses of the prominent forms of life. The subject is illustrated by specimens and the use of the compound microscope.

## REFERENCE AND TEXT BOOKS IN BIOLOGY.

Flint and Dalton—Works on Physiology.	Gray's Anatomy.
Orton's and Nicholson's Works on Comparative Zoology.	
Owen's Physiology and Anatomy of Vertebrates.	Carpenter's Principles of Comparative Zoology.

## BOTANY

begins with the spring term of the Freshman year, and is continued through the first term of the Sophomore year.

The first term is devoted to a consideration of the structure and uses of the organs of plants; together with analysis, classification and study of the prominent orders of flowering plants.

Students do laboratory work, and prepare one hundred species of plants.

The second term is devoted to a study of the compositæ, gramineæ, cyperaceæ and other difficult orders, together with a course in Cryptogamic and Economic Botany.

### CRYPTOGAMIC BOTANY

embraces the characters of the ferns, equisetunas, mosses, liver-warts, ground pines, fungi, lichens and algae. The ferns receive special attention—those of the State are classified.

### ECONOMIC BOTANY.

embraces a consideration of the uses of plants in the economy of nature and to man. It is considered under the divisions: fibre, food, forage, medicinal and ornamental plants, plants yielding dyes, gums, spices, narcotics.

### BOTANICAL TEXT BOOKS.

Gray's Manual and Lessons.      Wood's Botany.      Gray's Structural Botany.  
Sach's Text Books.      Various Catalogues and Government Reports.  
United States Dispensatory.

### COURSE IN GEOLOGY AND MINERALOGY

begins in the Freshman year with *Physical Geography*, when the general surface features of the earth are considered.

### MINERALOGY AND LITHOLOGICAL GEOLOGY

occupy the first term of the Junior year and consider rock mosses and mineral species. The work is impressed by cabinet specimens and blow pipe analysis. State minerals receive special consideration.

### DYNAMICAL AND HISTORICAL GEOLOGY

occupy the second term of the Junior year. Succession of strata, characteristic fossils, division of formations into times, ages, and periods, geology of the State, methods of conducting geological surveys, field work, succession of strata in this region, economic geology, changes our earth has undergone in rock formations, vegetable and animal life, causes that have and are still modifying the features of the earth.

### TEXT BOOKS.

Dana's Text Book and Manual.      Lyell's Principles.  
Cornell's, Guyot's and Warren's Physical Geographies.  
Geological Surveys of many of the States.      Also Government Reports.  
Danvin's Works.      Cou's Key to North American Birds.  
Tenny's Manual of Zoology.      Packard's Guide to the Study of Insects.  
Flint's Insects Injurious to Vegetation.      Various Government Reports.

## COURSE IN AGRICULTURE.

PROF. HARVEY.

Qualifications same as for the classical course, with the exception of Latin and Greek.

Beneficiaries take this course, but if not overtaxed, may select additional work from any of the other courses which they are prepared to undertake.

This course is the same as the *scientific*, with additional work relative to agriculture. It embraces a more thorough study of the physical and natural sciences than the other courses.

Mathematics same as for the classical course to the Junior year.

German or French is required.

In History, General Literature, Political Science, Rhetoric, Mental and Moral Science, the course is identical with the classical.

The course in Physical and Natural Sciences embraces, besides the work laid down in the classical course, the following:

## FIRST YEAR.

Lectures on the origin, classification, nature, preparation, care and fertilization of Soils.—Orcharding—Propagation of Seedlings, etc.

## SECOND YEAR.

Further consideration of Soils. Chemical relation of the Plant to the Soil and Atmosphere.

## THIRD YEAR.

Breeding, History and Management of	Special Zoology.
Stock.	Chemical consideration of Soils and Fertilizers.
Entomology.	Road Making.
Farm Machinery.	Comparative Anatomy of Domestic Animals.
Qualitative Analysis.	
Rural Architecture.	

## FOURTH YEAR.

Rural Law and Economy.	Current Agricultural Topics.
Ind. Chemistry.	Horticulture.
Veterinary Surgery.	Landscape Gardening.

## ENGINEERING COURSE, OR APPLIED MATHEMATICS.

PROF. GORDON.

This school is designed as the basis of the Engineering Course. The work proper begins with the first term of the second or Sophomore year, and embraces a three years course in the applications of Pure Mathematics to the solutions of such problems as are constantly presented to the practical engineer.

The course is divided as follows :

### GEODESY.

In this branch are discussed the different methods of surveying and dividing land, whether in large or small tracts, leveling, topographical surveying, general theory and use of field instruments. Students are required to make plats and calculations from data determined by themselves on the field.

### HIGHER GEODESY

and the projection of maps will be taught in the second term of the third year.

### PARALLEL PROJECTIONS.

This subject is here extended to more complex problems than are required in pure mathematics. Each of the systems, orthographic, axonometric, and oblique are discussed, and students construct the projections of various objects presented.

### CENTRAL PROJECTIONS.

Under this head the principles of linear perspective are fully considered, and students construct the perspective of various objects both simple and irregular in form.

### ROADS, RAILWAYS, TUNNELS, CANALS.

The principles of the construction of each of these are fully presented, and as far as practicable, students are required to apply

for themselves these principles in the field, in laying out and staking curves, computing various cuts and fills, etc.

#### STRENGTH OF MATERIAL.

In this branch the power of resistance of different materials and the calculation of the various strains to which they are subjected, are taught, and the student is required to apply his knowledge for the solutions of a number of problems relating to the stability of different structures.

#### ARCHES, BRIDGES, ROOFS.

The general principles of the arch and its modifications are given, together with the calculations of its strength. The various kinds of bridges are discussed. Particular attention is paid to the forms of truss used in the construction of roofs. Students make the working drawings for different constructions, and calculate the stability required in the various parts.

#### ARCHITECTURE.

This subject is devoted to the consideration of the different ancient orders and their modifications, with a brief history of the same. Special attention is given to the modern styles of public and private buildings. Plans, elevations, and perspective drawings of various kinds of buildings are made by students.

#### MACHINES AND MACHINERY.

This subject embraces the gearing of machinery. Study of various machines in detail. Construction of mill-work, and a course in design.

#### HYDRAULIC ENGINEERING.

In this branch of the subject the theory of hydraulic motors is taught.

#### ENGINES.

The student has his attention drawn to the mechanism, working and uses of various kinds of steam and gas engines, locomotives, etc.

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**DRAWING.**

In this course the use of drafting instruments is taught, and the student is gradually led from the representation of simple objects to those more complex in form. The subject extends throughout the entire three years and is as far as possible made parallel with the above mentioned branches; each student is required to execute for himself such drawings as serve to impress the principles taught under the different subjects.

A drawing room has been fitted up, but each student has to provide himself with suitable drafting instruments. The cost of such a set need not exceed twelve or fifteen dollars.

**FIELD WORK.**

This also extends throughout the entire course, students being required to apply their knowledge of the different field instruments to the making of actual surveys, running levels, and calculating the cuts and fills, laying out and staking curves, etc.

**TEXT BOOKS AND WORKS FOR REFERENCE.**

Warren's Course—Including "Free Hand Drawing. Elementary Plane Problems. Elementary Projection Drawing. Descriptive Geometry. Shades and Shadows. Linear Perspective." Trautwine's Pocket Book.  
Smith's Topographical Drawing. Barry's Railway Appliances.  
Rankine's Works—Civil Engineering, Machinery and Mill Work.

Additions will be given in the form of notes on points where it is deemed necessary.

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**DEPARTMENT OF MUSIC.**

PROF. BÖTEFÜHR.

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**PIANO-FORTE.**

The course of instruction will comprise four years. In case of close attention and extraordinary ability on the part of the scholar, the required standard may be reached in less time.

## FIRST YEAR.

The first year will be chiefly devoted to the study of the first principles of Music, five-finger exercises, practice of the scales and such intellectual studies as will prepare the pupil for the lighter compositions of Clementi, Kuhlau, Mozart, etc.

## SECOND YEAR.

Practice of the Scales; arpeggios and studies of Czerny, Moschelles, Clementi, etc., and the easier compositions of Mozart, Clementi, Beethoven, etc.

## THIRD YEAR.

Practice of the scales, development of the trill, wrist practice, advanced studies of Czerny, Heller, and compositions by Leybach, Fesca, Chopin, Hayden, Beethoven, and others.

## FOURTH YEAR.

Studies of Cramer, Rubenstein, etc., and compositions by Thalberg, Liszt, Hummel, Beethoven, etc.

Great care will be taken to develope a taste in the pupil for the purest and noblest order of Music.

## VOICE CULTURE.

Development of a pure tone. Studies having for their object to render the voice flexible. Studies on expression, breathing, pronunciation, etc. Etudes by Latgen, Rossini, Marchesi, Concone, Bordogni.

## VIOLIN.

## FIRST YEAR.

Practice of bowing, finger exercises, Mazas' Instructor.

## SECOND YEAR.

Etudes of Dancia, and instructive arrangements from the Operas.

## THIRD YEAR.

Kaiser's Etudes, Sonatas by Hayden, Schubert, etc.

## FOURTH YEAR.

Kreutzer's Etudes, compositions by De Beriot, Kreutzer, etc.

## TERMS.

## TWO LESSONS PER WEEK.

Piano-Forte, primary scholars.....	.....	\$10 00 per term.
Piano-Forte, advanced scholars.....	.....	15 00 per term.
Voice Culture, class of four, each.....	.....	3 75 per term.
Voice Culture, class of three, each.....	.....	5 00 per term.
Voice Culture, class of two, each.....	.....	7 50 per term.
Voice Culture, private lessons.....	.....	15 00 per term.
Violin, class of five, each.....	.....	3 00 per term.
Violin, class of four, each.....	.....	3 75 per term.
Violin, class of three, each.....	.....	5 00 per term.
Violin, class of two, each.....	.....	7 50 per term.
Violin, private lessons.....	.....	15 00 per term.
Use of piano, one hour per day.....	.....	8 50 per term.
One half of tuition must be paid in advance, balance at the end of the term.		

No charge is made to the students for the following work:

The Preparatory Department, will receive instructions in Vocal Music once a week.

Collegiates, vocal instruction once a week.

Advanced Scholars in music, harmony once a week.

The Philharmonic Society, has drill in chorus singing, once a week.

The Concordia Society, composed of members advanced in vocal music, has drill in chorus singing, twice a week.

Orchestra, meets for practice twice a week.

Certificates of proficiency will be given.

## GENERAL INFORMATION.

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This Institution was established in accordance with an Act of Congress, making a grant of land for its benefit, and in accordance with an Act of the General Assembly of this State, carrying out the object of said grant.

### AIMS OF THE UNIVERSITY.

The aim of the University is to comply strictly with the Acts of Congress, and the General Assembly of this State, in providing for and establishing it; and in order to this end, the University is "to teach such branches of learning, as are related to agriculture and the mechanic arts, without excluding other scientific and classical studies, and including military tactics."

### LOCATION.

The Arkansas Industrial University is located within the corporate limits of the Town of Fayetteville, Washington County. The location is thought to be unsurpassed by any other locality in the State, in salubrity of climate, beauty of surrounding scenery, fertility of soil, variety and perfection of agricultural and horticultural productions, and in the morality and intelligence of its people.



### TERMS AND VACATION.

The Scholastic Year of the University, consists of two terms of thirteen weeks each, and one term of fourteen weeks.

There is a vacation of four days, including Christmas, but no vacation between terms. These terms commence and end as indicated by the following:

**CALENDAR FOR THE SCHOLASTIC YEAR 1878-9.**

The Autumn Term will commence on the 2d of September, 1878, and close November 29th, 1878.

The Winter Term will commence December 2d, 1878, and close March 7th, 1879.

The Spring Term will commence March 10th, 1879, and close June 12th, 1879.

**REQUIREMENTS.**

All male students who have received appointments as beneficiaries, are required to take a course in agriculture or mechanics, "with permission to elect such other studies as circumstances may allow." This regulation does not apply to students in the Normal Department.

Students, in all departments of the University, are required to pursue not less than three distinct studies, and no student can drop or change studies without permission of the Faculty.

All beneficiary and normal students, should be present at the opening of the Autumn Term; and unnecessary delay, either of old students in returning or of new ones reporting, will lead to the forfeiture of their appointments. The strictest attention to study, and most exact punctuality in attendance on recitations, and all other duties, are made the conditions of every student's continuance at the university.

**RELIGIOUS AND MORAL CULTURE.**

Religious services are held every morning and evening in the Chapel.

All students are required to attend these exercises, and also to attend the Bible Class, the exercises of which are held in the Chapel, on Sunday. Opportunities are afforded for attending church, and students are expected to attend the one of their choice, at least once on the Sabbath.

Will parents see that their children are furnished with Bibles, on leaving home for the University?

### EXPENSES.

Board, including fuel, lights and washing, is obtained from \$8 to \$12 per calendar month.

All Beneficiaries and Normal students, on entering the Preparatory Department, and all *new* students on entering any of the Collegiate Departments, are required to pay a matriculation fee of \$5.

Tuition is free in all the departments of the University proper. Students entering the Preparatory Department, without either Normal or Beneficiary appointments, are required to pay a tuition fee of \$10 per term, invariably in advance.

No student will be enrolled till all fees are paid.

Text books can be purchased in Fayetteville at publisher's prices.

Students wear such clothing at the University as they have been accustomed to at home, neatness only being required.

### LABOR.

An unlimited amount of remunerative labor cannot be promised; yet as much as possible will be provided, for such as desire to work. While it is true that several students have paid their entire expenses in school, by labor; it was done, only by the closest economy. So far as the finances of the University will permit, labor will be made remunerative; the rate of wages being fixed from two to ten cents per hour, according to the character of the work performed and the efficiency of the worker.

### MEANS OF REACHING THE UNIVERSITY.

Students may reach Fayetteville, from the south, by a daily line of stages from Alma, also from Van Buren and Fort Smith by daily lines of stages; and from the north by daily lines of stages from Pierce City and Neosho. Students, on arriving at Fayetteville, must report at once to the President of the University, and will be held responsible for their conduct from the time of their reaching Fayetteville, as much so as if already enrolled.

## DEGREES.

The degree of Bachelor of Arts is conferred upon students who successfully complete the Classical Course, embracing the following schools: Ancient and Modern Languages, Pure Mathematics, Physical and Biological Sciences, Mental and Moral Sciences, English Language and Literature, General History and Political Economy.

Applicants for the degree of Civil Engineer, are required to successfully complete a course of study embracing: Mathematics, Applied Mathematics, Natural Philosophy, Chemistry, Ind. Chemistry, Mineralogy, Geology, French and German.

The degree of B. S. is conferred upon pupils who successfully complete the Agricultural Course, embracing the schools of the Classical Course, with the exception of Latin and Greek, and the extra scientific work of the Course in Agriculture.

The degree of Bachelor of Arts is conferred upon students completing the Normal Course, embracing the schools of the Classical Course, with the addition of Normal work.

## PRIZES.

The Board of Trustees, at their late June meeting,

*Resolved*, That a gold medal be offered for the best, and a silver medal for the second best declamation, delivered by not more than four competitors from the Sophomore class; and a gold medal for the best original speech delivered by competitors, two from the Junior, and two from the Senior classes; and all to be selected by the Faculty.

Said medals to be awarded by the Judges selected by the Board of Trustees.

Prof. Harvey offers a copy of "Sach's Text Book of Botany," valued at \$12.50, for the best mounted and classified collection of State plants exceeding 150 species, and a "Wire Drying Press" for largest and best preserved classified, unmounted collections of the order **Gramineæ** and **Compositæ**.

A copy of "Jordan's Manual of Vertebrates" will be given for the best collection of classified reptiles, exceeding twenty species.

A copy of "Dana's Manual of Geology" for the best consideration of the Geology of Washington County.

All specimens to be left as an accession to the Museum of the University; the prizes to be awarded by the Board of Visitors, in conjunction with the teachers in the departments mentioned, their information being based on an examination of the work.

Mr. B. H. Stone, of Fayetteville, has also offered a gold medal, valued at \$25, for the best essay written by a student of the University; the Faculty of the University to select the subject, and prescribe the method of competition.

Two members of the Board of Trustees have also offered prizes in cash on competitive examination among the students taking the Agricultural Course. For the best essay "on the agricultural resources of the State," the first prize will be \$25, for the second best, the prize will be \$10.

#### LITERARY SOCIETIES.

Two literary societies, the "Clariosophie" and the "Mathetician," have been established. They are both sustained with great interest, and furnish valuable aid in the intellectual training of the student. Societies will also be organized for the Preparatory Department.

#### LIBRARY AND READING ROOM.

The University library, though at this time small, comprises some valuable works. Additions will be made from time to time. All students have access to the library free of charge.

Arrangements are being made to have, as nearly as possible, all the newspapers of the State kept on file.

#### CONTRIBUTIONS.

Contributions are solicited for our Library, Reading Room, Laboratory and Museum.

Any book, paper or manuscript of historical or other value;

Any piece of chemical, philosophical or mechanical apparatus;

Any ores, crystals, precious or valuable stones, vegetable or animal fossils, or any other thing that will be a source of information to our students, will be thankfully received.

We hereby designate and request County Superintendents of Public Schools to take charge of and forward to the University,

by students or others who may be coming, any of the above-named donations.

#### CABINET AND MUSEUM.

The collections in these are yet inconsiderable, but they are slowly increasing.

#### APPARATUS.

The University has been supplied with some excellent philosophical apparatus. Other additions will be made to this, and also to the chemical department, which is already in efficient operation.

#### APPOINTMENT OF BENEFICIARIES.

All appointments should be completed, if possible, before the opening of the autumn term. The County Judges, who make the appointments, should prepare duplicate notifications of appointment, one of which will be forwarded to the President of the University, and one to the Secretary of the Board of Trustees; and in case the appointee fails to appear at the University within twenty days after appointment (except in case of sickness), he or she will be regarded as having declined the appointment, in which case it will be the duty of the President of the Faculty to notify the person making the appointment of such failure, who will make another appointment as soon thereafter as possible, and such other appointee will be required to appear at the University on the first day of the next term. The President of the Faculty shall continue to notify appointing officers till their respective number of appointees make their appearance at the University.

#### NUMBER OF BENEFICIARIES.

It is provided in sec. 18 of the Act of the General Assembly, establishing the University, that the Board of Trustees shall have power to "prescribe the grade and number of scholarships, and prescribe the rules by which scholars who are to be admitted free shall be elected equally from the various parts of the State."

They have, therefore, made provisions for 237 Beneficiaries, who will be entitled to four years free tuition, and an equal number of Normal students who are also entitled to four years free tuition, who are apportioned among the several counties according to their respective populations by the United States census of 1870, which apportionment is as follows:

COUNTIES.	No. of Normal Vacancies.	No. of Vacant Beneficiaries.	No. of Each Allowed.	COUNTIES.			
				No. of Normal Vacancies.	No. of Vacant Beneficiaries.	No. of Each Allowed.	No. of Each Allowed.
Arkansas.....	2	2	2	Lincoln.....	2	1	3
Ashley.....	2	2	2	Little River.....	2	2	2
Benton.....	5	4	6	Logan.....	0	0	0
Baxter.....	2	2	2	Lonoke.....	1	2	2
Boone.....	2	2	2	Lee.....	2	2	2
Bradley.....	3	3	3	Madison.....	1	1	3
Calhoun.....	2	1	2	Marion.....	2	2	2
Carroll.....	2	2	2	Miller.....	2	2	2
Chicot.....	4	4	4	Mississippi.....	2	2	2
Clark.....	5	4	5	Monroe.....	4	4	4
Clay.....	2	2	2	Montgomery.....	1	1	1
Columbia.....	3	3	4	Nevada.....	2	2	2
Conway.....	3	3	3	Newton.....	2	2	2
Crawford.....	4	4	4	Ouachita.....	6	6	6
Crittenden.....	2	2	2	Perry.....	1	0	1
Craighead.....	2	2	2	Phillips.....	5	2	6
Cross.....	2	2	2	Pike.....	2	2	2
Dallas.....	2	1	2	Poinsett.....	1	0	1
Desho.....	2	2	2	Polk.....	2	2	2
Drew.....	4	3	4	Pope.....	4	4	4
Dorsey.....	2	2	2	Prairie.....	4	4	4
Faulkner.....	12	12	12	Pulaski.....	14	11	14
Franklin.....	4	2	4	Randolph.....	3	3	3
Fulton.....	2	2	2	St. Francis.....	3	2	3
Garland.....	2	2	2	Saline.....	2	2	2
Grant.....	2	2	2	Scott.....	3	3	3
Greene.....	3	3	3	Stone.....	2	2	2
Howard.....	2	2	2	Searcy.....	2	2	2
Hot Spring.....	3	2	3	Sebastian.....	5	5	6
Hempstead.....	6	5	6	Sevier.....	2	2	2
Independence.....	6	6	6	Sharp.....	2	2	3
Izard.....	2	0	3	Union.....	5	5	5
Jackson.....	3	2	3	Van Buren.....	1	2	2
Jefferson.....	7	3	7	Washington.....	7	2	8
Johnson.....	4	4	4	White.....	5	3	5
Lafayette.....	2	2	2	Woodruff.....	4	2	4
Lawrence.....	3	3	3	Yell.....	4	2	4
				Total.....		237	

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**FORMS OF NOTICE OF APPOINTMENT OF BENE-FICIARY AND NORMAL STUDENTS.**

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As much trouble and annoyance is caused by students who have been appointed as Beneficiaries or Normals coming without any evidence of appointment, the following are adopted as the proper forms of notice to be given by the Judge of the County Court to the President of the University, and the Secretary of the Board of Trustees, upon the appointment of Beneficiary or Normal Students by the County Court, or the Judge thereof; in accordance with the sixth section of an act approved March 6, 1875:

No.....  
[Form 1—Appointment.]  
(To be given to the student.)

**ARKANSAS INDUSTRIAL UNIVERSITY.**

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*To whom it may concern:*

I hereby appoint.....of.....  
County, State of Arkansas, as a Beneficiary or Normal, as the case may be to the  
Arkansas Industrial University.

Given under my hand, this.....day of....., 187...

Send a notice like the following to the President of the University, and one to the Secretary of the Board of Trustees at Fayetteville:

No.....  
[Form 2—Notice to President of University.]

**ARKANSAS INDUSTRIAL UNIVERSITY.**

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.....ARKANSAS.)  
.....187... )

*To the.....University:*

I hereby notify you that I have this day appointed.....  
of.....County, State of Arkansas, as a Beneficiary (or Normal, as  
the case may be) to the Arkansas Industrial University.

Given under my hand, this.....day of....., 187...

### DEMERIT AND GRADING SYSTEM.

All violations of University law, and all neglects of duty, bring upon the student a certain number of demerits proportional to the gravity of the offense, and 200 of these demerits will dismiss him. Every recitation of each student is marked according to its merit, using 100 as the maximum, and the average of all these marks is compounded with the examination mark, so as to determine the general or final average. The names of the students will be entered upon the catalogue according to the final average, and not according to the alphabetic arrangement.

The head man in his class will appear first on the catalogue, whether his name begin with W or A; the second man will appear second, etc.

### ENROLLMENT.

Attention is called to the following resolution of the Board of Trustees :

*Resolved*, That the President of the Faculty require every student who appears at the University, to at once repair to the Secretary of the Board for enrollment, and that during the first week in each term he furnish the Secretary with a complete roll noting all Beneficiaries and Normals, and those in the Collegiate course, and that no student be allowed to recite with any class, or to enter the University until properly enrolled.

### DEPOSIT FUND.

All students in Chemistry are required to make a deposit of \$10 with the Secretary of the Board, to pay for chemicals, breakage, etc. So much of this sum as may be left after this outlay has been met, will be returned to each student.

### DEPORTMENT.

The Faculty may refuse to receive any applicant for admission into the University, until he can prove a good moral character, and whenever they are satisfied that the longer continuance of any student in the University is not beneficial to himself, or is injurious to his fellow students (even though he may be guilty of no gross violation of the College law), they may write to his parents or guardian to withdraw him, and may proceed to dismiss him should the request not be complied with.

## PROPERTY AND FUNDS.

The property of the University consists of the proceeds of the munificent grant of land by Congress, the bonds of Washington County and the Town of Fayetteville, the appropriations made by the State, and the University farm and lands—amounting in all to \$300,000 in value.

The bonds of the County of Washington, \$100,000, and of the Town of Fayetteville, \$30,000, payable thirty years from date, with interest at the rate of eight per cent. per annum, have by the action of the Board of Trustees, become a portion of the permanent endowment of the University, and will be scrupulously held for that purpose.

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AN ACT TO REGULATE THE SALE OF ARDENT SPIRITS NEAR THE  
ARKANSAS INDUSTRIAL UNIVERSITY.

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*Be it enacted by the General Assembly of the State of Arkansas:*

SECTION 1. That it shall be unlawful for any person to sell or give away vinous or ardent spirits within three miles of the Arkansas Industrial University, except the same be for medical purposes, as hereinafter provided.

SEC. 2. *Be it further enacted,* That no person shall sell or give away any vinous or ardent spirits within three miles of said University, unless he be a regular practicing physician, and not until he has signed and sworn to an affidavit before the County Clerk of Washington County, and shall have the same duly recorded, which affidavit shall be in the following form: I, \_\_\_\_\_, do solemnly swear that I am a regular practicing physician; that I will not sell or give away any vinous or ardent spirits to any one unless it be for medical purposes, and believe the kind and quantity will be beneficial in the treatment of the disease under which the patient is suffering.

SEC. 3. *Be it further enacted,* That no one shall be excused from the penalty of this act who may, contrary to its provisions, sell, or cause to be sold, intoxicating drink, by reason of its being put up as bitters, mixed with drugs, or vended as a medicine, except as provided in the foregoing sections.

SEC. 4. *Be it further enacted,* That any person violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and for each offense shall be fined not less than ten nor more than two hundred dollars, and this act shall take effect and be in force from and after its passage.

Approved March 6th, 1875.

## PROCEEDINGS

—OF—

# THE BOARD OF TRUSTEES

At Their Annual Meeting in June, 1878.

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SECRETARY'S OFFICE,

*Monday, June 10, 1878.*

The Board met pursuant to law upon Monday of Commencement week.

Upon the call of the roll the following members were present, *viz.*:

Governor W. R. Miller, President of the Board; Hon. J. M. Johnson; Hon. L. Gregg; Capt. S. P. Pittman; W. E. Thompson, Esq.; Gen. G. D. Royston; Gen. D. H. Hill, President of University.

Gen. Hill presented and read the report of the President of the University for the year just closing, which was referred to a committee consisting of Trustees Thompson, Royston and Gregg.

By motion, the Honorable Board of Visitors were invited to attend the meetings of the Board of Trustees and participate in its deliberations.

The Board then adjourned to meet to-morrow morning at eight o'clock.

Approved: *W. R. MILLER, President.*

*W. E. THOMPSON, Secretary *pro tem.**

## SECRETARY'S OFFICE,

Tuesday, June 11, 1878.

Board met pursuant to adjournment.

Present—Gov. W. R. Miller, presiding; Trustees Royston, Pittman, Johnson, Gregg, Thompson, and Gen. Hill, President of the University.

The minutes of last meeting read and approved.

Gov. Miller made the following report :

*To the Board of Trustees of the Arkansas Industrial University:*

In accordance with a resolution of the Board, adopted at the last annual meeting, the undersigned opened a correspondence with the War Department, with a view of procuring a detail of Second Lieutenant Geo. R. Cecil, of the 13th U. S. Infantry, as Professor of Military Science and Tactics in the Arkansas Industrial University. The answer was that details for that purpose were made only from the artillery service, and the application was refused.

Application was again made for the detail of a competent officer from any branch of the service, and the Secretary of War again refused, on the ground that all the details had been made that could be at present.

Respectfully submitted,

W. R. MILLER.

The Board of Visitors notified the Board of Trustees that they had organized and were ready to receive any communications which the Board may wish to refer to them.

By motion of Trustee Thompson the Board of Visitors and Hon. J. D. Walker, of Fayetteville, were invited to act as judges in the matter of prize declamations and prize orations, and the Hon. W. F. Henderson was requested to deliver the medals to the successful contestants.

Gen. Hill introduced the following resolution, which was adopted.

*Resolved*, That the Superintendent of Public Instruction be requested to make application to Rev. Dr. Sears, Agent of the Peabody Fund, for assistance to the University from that fund,

stating to him the amount expended by the State on the University, the work it is doing in the cause of education, and giving such other information as he may desire, to be furnished by the Secretary of the Board, that would be of interest in connection with said application.

By motion of Trustee Gregg, the President of the University was requested to submit to the Board of Visitors all such written reports and examinations as they may desire to consider.

The Board then adjourned to meet at eight o'clock to-morrow morning.

Approved: W. R. MILLER, *President.*  
W. E. THOMPSON, *Secretary pro tem.*

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SECRETARY'S OFFICE,

*Wednesday, June 12, 1878.*

Board met pursuant to adjournment.

Present—Gov. W. R. Miller, President: Trustees Royston, Gregg, Johnson, Thompson, Pittman, and Gen. Hill, President of the University.

Trustee Johnson renewed the medal resolution of 1877-8, which was adopted as follows:

*Resolved*, That the Board of Trustees again offer a gold medal for the best, and a silver medal for the second best declamation, delivered by not more than four competitors from the Sophomore Class; and a gold medal for the best original speech delivered by competitors two from the Junior and two from the Senior Classes, and all to be selected by the Faculty. Said medals to be awarded by judges selected by the Board of Trustees, and not to cost more than twenty-five dollars.

The following resolution offered by Trustee Johnson, was adopted:

*Resolved*, That all students applying for admission into the University, who pass a full and satisfactory examination into the Collegiate Department, shall be honorary scholars and free from tuition so long as they prosecute their studies in the University, or the Normal Branch thereof, either in the Classical, Industrial or Normal departments; Provided, they are qualified to pass

UNIVERSITY OF ARKANSAS  
LIBRARY

beyond the Preparatory Department; and all resolutions, or parts of resolutions, or orders, which are inconsistent with this are hereby repealed.

Trustee Gregg offered the following resolution, which was adopted:

*Resolved*, That the President of the Faculty require every student who appears at the University, to at once report to the Secretary of the Board, for enrollment, and that during the first week in each term he furnish the Secretary with a complete roll, noting all Beneficiaries and Normals, and all in the Collegiate Course, and that no student be allowed to recite with any class or to enter the University until properly enrolled.

After some other business the Board adjourned until eight o'clock to-morrow.

Approved: W. R. MILLER, *President.*  
J. F. SIMONDS, *Secretary pro tem,*

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SECRETARY'S OFFICE,

*Thursday, June 13, 1878.*

The Board convened pursuant to adjournment.

Present—Gov. Miller, in the Chair, and Trustees Royston, Gregg, Thompson, Pittman, Johnson, and Hill.

After reading and approving minutes of last session, the vacancies upon the Finance Committee, occasioned by the absence of Trustees Jones and Dinsmore, were temporarily filled by the appointment of Trustees Thompson and Pittman.

The report of the Treasurer was received and referred to the Finance Committee.

A letter from Trustee Dinsmore was read by Gov. Miller, stating that he was prevented from attending by sickness, and expressing his regrets thereat.

The matter of the "Appeal of Sol. F. Clark from the decision of the President and Faculty, dismissing his son, Will S. Clark, from the University on the 24th September, 1877," was presented to the Board by Governor Miller, and after a full investigation of the subject the Board fully approved the action of the Faculty.

Having transacted some other business the Board adjourned to meet to-morrow morning at eight o'clock.

Approved: W. R. MILLER, *President.*  
J. F. SIMONDS, *Secretary pro tem.*

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#### SECRETARY'S OFFICE,

*Friday, June 14, 1878,*

The Board met. Present—Gov. W. R. Miller, President; Trustees Royston, Thompson, Pittman, Gregg, Hill, and Johnson.

The minutes of yesterday's session were read and approved when the following resolution offered by Trustee Thompson was adopted:

*Resolved*, That the honorary degree of "Doctor of Civil Law" (LL. D.), is hereby conferred upon the Reverend R. W. Trimble, of Pine Bluff, Arkansas.

After recess the Finance Committee reported that they had examined the Secretary's postage account, Trustee and officers' account, farm improvement account, fuel account, janitor's account, educational account, chemical account, library account, stationery account, and an account of thirty-four dollars and sixty-nine cents (\$34.69), for medals, and found them correct and accompanied by proper vouchers, and the Secretary's current expense account which is correct and is accompanied by proper vouchers. They farther reported that they had examined the report of the Treasurer and find that at the last settlement he had on hand \$10,148.19, and had received since that time \$18,148.68, making a total of cash assets \$28,296.87, and of this sum he has disbursed \$21,372.55, for all of which he has proper vouchers, leaving a balance of \$6,924.32 on hand.

This balance is an aggregate of all the cash funds of the University, except \$222.80 of the Peabody Fund, and not including the funds of the Branch Normal College.

The Secretary's report shows that there are warrants drawn and now outstanding against the University funds, amounting to something over \$200.

Trustee Royston offered the following resolution which was adopted, viz.:

*Resolved*, By the Board of Trustees of the Arkansas Industrial University, that the demerit system as adopted by the President and Faculty for the government of the students, and as recommended by the President of the Faculty in his report to the Board of Trustees at its present session, be and the same is hereby fully approved and adopted by the Board of Trustees as one of the rules for the more efficient government of the students in the University, and that they would further recommend the adoption of the grading system, taking the United States Military Academy as the model.

The following resolution was offered by Trustee Gregg and adopted:

*Resolved*, That it is the sense of the Board of Trustees that the President of the Faculty should attend the next meeting of the State Legislature and fully lay before that body and the appropriate Committees thereof, the progress and present condition of the University and its needs, and ask of that body an appropriation sufficient to meet all necessary wants of the Institution, if in his judgment such attendance will not very seriously affect the running of the school.

The following offered by Trustee Gregg was adopted:

*Resolved*, That the action of the Executive Committee in employing Prof. John B. Gordon as Adjunct Professor of Civil Engineering and Mathematics, for the scholastic year of 1877-8, be approved, and that said Gordon be continued in the same position for the ensuing scholastic year.

*Resolved further*, That the action of the Executive Committee in appointing Trustee Dinsmore as Secretary of the Board for the past year be confirmed and sanctioned; as also the action of the Executive Committee in appointing the President of the Faculty as Superintendent of the Farm and Grounds.

Gen. Hill submitted the following, which was adopted:

The Board of Trustees of the Arkansas Industrial University acknowledge the receipt of the letter of Trustee Dinsmore, informing them of his inability to be present on account of serious illness, and express their condolence and sympathy with him in

his affliction, and their sincere regard for him as a Trustee and a noble Christian gentleman. And the Secretary was requested to furnish Trustee Dinsmore with a copy thereof.

The following resolution was adopted :

*Resolved*, That the sum of \$150 be appropriated for advertising in thirty newspapers, not exceeding the sum of \$5 in any one; papers to be selected by the Secretary of the Board and the President of the Faculty.

After the transaction of some other business the Board adjourned until to-morrow morning at eight o'clock.

Approved: W. R. MILLER, *President.*  
J. F. SIMONDS, *Secretary pro tem.*

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SECRETARY'S OFFICE,

*Saturday, June 15, 1878.*

The Board met as per adjournment.

Present—Gov. Miller, President, and Trustees Gregg, Johnson, Pittman, Thompson and Hill.

The minutes of yesterday's session were read and approved.

By motion the following resolutions are adopted :

*Resolved*, That instruction in the Bible be given every Sabbath afternoon by the Professors in turn, using the International series of questions, and that all students be required to attend except those who have conscientious scruples on the subject, or are engaged in Sunday School duty elsewhere at the same hour, or are excused by the Faculty upon application of their parents.

*Resolved*, That hereafter each student entering upon the study of chemistry shall deposit with the Secretary of the Board \$10 as a deposit fund to reimburse the Laboratory for all such chemicals as the student may consume, and for any damage or breakage of apparatus or instruments used by the respective students. The Professor of Chemistry shall keep an accurate account with each student, and report the same to the Executive Committee at the end of each year, and as much oftener as the Committee may direct, and whatever may remain of said sum of \$10 unexpended shall be returned to the person making the deposit.

*Resolved*, That the sum of \$125 be appropriated for the purchase of such chemicals as may be necessary for the year 1878-9,

and that Prof. Harvey be requested to make such purchase while in New York City this summer.

*Resolved*, That the Board of Trustees accept with thanks the offer of two members of this Board to give a prize of \$25 for the best essay, and a prize of \$10 for the second best essay, on "the Agricultural resources of the State," said prizes to be awarded on competitive examination to students taking the Agricultural course. The award to be made under the direction of the Faculty.

By motion, all standing Committees were continued as they were last year.

It was *resolved* that any applicant for admission to the University may be rejected upon the ground of immoral character, and the Faculty may write to the parent or guardian of any student to withdraw him on the ground that his influence is pernicious.

By motion, it was *resolved* that the regulation requiring College instruction to continue for six hours each day be modified so far as to allow the Faculty to omit the last hour's duty on each Friday during the months of December, January and February, in order that the societies may then meet and not at night as hitherto.

Trustee Thompson offered the following, which was adopted:

*Resolved*, That it is the sense of this Board that the rule requiring Normal students to take an obligation to teach two years in the State, and also the rule in regard to the limitation of age, be and is hereby repealed.

O. F. Russell presented his bond as Secretary of the Board for the coming year which, upon examination, was approved by ~~most~~ of the Board.

The following Estimate of Expense for the year ending June, 1879, was approved by the Board:

Salaries of Professors	.....	.....	.....
Farm and Grounds .....	.....	.....	.....
Janitors.....	.....	.....	.....
Fuel.....	.....	.....	.....
Philosophical, Engineering and Mathematical Apparatus, ...	.....	.....	.....
Stationery, Printing and Advertising...	.....	.....	.....
Postage .....	.....	.....	.....
Books and Periodicals of Library.....	.....	.....	.....
Trustees' and Committees' meetings .....	.....	.....	.....

**SECRETARY'S CASH ACCOUNT**  
**For Year Ending June, 1878.**

	DR.
To cash received for Apples sold.....	\$ 16 65
To cash from drawer belonging to Laboratory Fund.....	17 00
To cash received for corn.....	15 62
To cash received from sundry students Laboratory Fund.....	19 26
To cash for fuel Thompson & Boggs.....	2 50
To cash for broken glass.....	1 25
To cash received for Tuition and Matriculation Fees during the scholastic year from September 3, 1877, to June 14, 1878.....	2063 32
<b>Total amount received.....</b>	<b>\$2136 50</b>
	CONTRA.
<b>By receipts of Treasurer.....</b>	<b>CR. \$2136 50</b>

**AMOUNTS OF WARRANTS**

Drawn by Secretary in Favor of Different Accounts for  
 Year Commencing September 3, 1877, and  
 ending June 14, 1878.

Professors' salaries, including balance for last year.....	\$16,293 95
Trustees' and Officers' Account.....	72 58
Fuel Account.....	119 32
Chemical Account.....	3 70
Farm Account.....	285 91
Janitor's Account.....	181 48
Stationery and Printing Account.....	69 30
Postage Account.....	27 00
Library Account.....	54 95
Medal Account.....	31 09
Improvement Account.....	27 95
<b>Total warrants drawn.....</b>	<b>\$17,150 78</b>

**HIRAM DAVIS, TREASURER,**  
**In Account with Arkansas Industrial University.**

To balance in Treasury July 1, 1877	\$ 15 10
To Coupons on Washington County Bonds for 1876.....	1011 50
To Coupons on Fayetteville Bonds for 1876.....	2304 50
To Legislative Appropriation for University.....	5000 00
To Coupons on Washington County Bonds for 1877.....	6000 18
To cash from Secretary, tuition, &c.	10
To Coupons on Fayetteville Bonds for 1877.....	1032 00
To interest on State Bonds to credit of Washington County.....	960 00
<b>Total.....</b>	<b>\$21,372 55</b>
<b>By amount disbursed as per Vouchers.....</b>	<b>\$21,372 55</b>
<b>To amount in hands of Treasurer.....</b>	<b>6,924 52</b>

In addition to the above funds I have Auditor's warrants to the amount of \$9611.11 drawn in favor of the Building fund, being part of an appropriation of \$19,577.67 by the Legislature, approved March 8, 1877, to pay off the debt due the Building contractor.

REPORT OF THE COMMITTEE  
ON THE  
BRANCH NORMAL COLLEGE,  
For the Year Ending June 14th, 1878.

*To the Board of Trustees of the Arkansas Industrial University,*

GENTLEMEN: Your Committee having charge of the interests of the Branch Normal College at Pine Bluff, respectfully submit the following as the Third Annual Report of its financial condition, and the success that has attended it during the past year.

Trustee Thompson, a member of this Committee, has visited the school, noting its management, and examining its classes, and reports that its work during the year just closed has been satisfactory.

Your Committee believe that this school, with the exercise of judicious management in its financial, as well as its educational interests, is destined to do great good in training teachers for the education, development and upbuilding of character, of the colored youth of our State.

For a detailed statement of the work accomplished during the past year, in the several grades and classes of the school, we refer you to Prof. Corbin's Narrative Report which accompanies this.

Your Committee annex the following report of receipts and expenditures:

## ACCOUNT CURRENT

Of the Branch Normal College of the Arkansas Industrial University, at Pine Bluff, Ark., for the year ending June 14, 1878.

Cash in hands of State Treasurer June 15, 1877	8 355 00
Cash received from sale of State Scrip.....	4669 68
Cash in hands of J. C. Corbin as per last report.	10 90
Cash received for Tuition and Matriculation Fees.....	111 60

Total..... \$1517 18

## CONTRA.

<i>Expense Account—</i>	
Salary paid J. C. Corbin for scholastic year .....	\$1200
Rent paid M. L. Bell one year.....	400
Fuel.....	23
Stationery, etc.....	21 55
Exchange on salary drafts.....	4 50
Expense of Trustee Thompson visiting School.....	5 00
Total expense of School for the year.....	\$1554 35
Salary paid J. C. Corbin balance 1876-7.....	141 00
Cash in hands of J. C. Corbin.....	20
Cash in hands of State Treasurer.....	2818 63

Total..... \$1517 18

## MEMORANDA.

Cash in hands of Prof. Corbin.....	20
Amount of 5 per cent. State Scrip in Treasury June 15, 1877.....	\$20,911 60
Amount of Scrip sold this year.....	4800 00
Balance of Scrip in State Treasury June 14, 1878, which has been drawing 5 per cent. interest since 1872.....	\$15,211 60
Value of property on hand, consisting of furniture, etc.....	419 55

Respectfully submitted,

W. R. MILLER,  
W. E. THOMPSON,  
D. E. JONES,  
Committee.

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